



# National Weather Service

## Storm Data and Unusual Weather Phenomena



April 1997

| Location | Date | Time               | Path              | Path             | Number of |         | Estimated |       | Character of Storm |
|----------|------|--------------------|-------------------|------------------|-----------|---------|-----------|-------|--------------------|
|          |      | Local/<br>Standard | Length<br>(Miles) | Width<br>(Yards) | Killed    | Injured | Property  | Crops |                    |

### SOUTH DAKOTA, West

SDZ001>002-012>014-024>026-028>032-042>044-046>047-049     Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon - Shannon - Jackson - Bennett - Mellette - Todd - Tripp

|    |         |   |   |     |          |
|----|---------|---|---|-----|----------|
| 05 | 0000MST | 0 | 0 | 50M | Blizzard |
| 06 | 2000MST |   |   |     |          |

Snowfall of 1 to 2 feet was common over the northern Black Hills and northwest plains of South Dakota with 6 to 12 inches reported elsewhere. Maximum snowfall was 34 inches at Lead. Drifts of 5 to 15 feet developed as sustained winds over 45 mph with frequent gusts over 60 mph ripped across the area for nearly 24 hours. Peak winds included 71 mph at Ellsworth AFB, 69 mph at Rapid City, 70 mph at Buffalo, and 67 mph at Winner. Almost all roads were blocked or closed and other forms of travel were impossible. Travel was banned in most areas and many emergency response activities were made impossible. Widespread power outages occurred. East of the Black Hills, the problems were compounded by the heavy rain and sleet that fell before the blizzard developed. Hardest hit by the blizzard were ranchers who suffered major livestock losses as calving season was underway.

SDZ013-024-026>032-041>044-046>047-049     Meade Co. Plains - Northern Black Hills - Central Foot Hills - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon - Fall River Co. - Shannon - Jackson - Bennett - Mellette - Todd - Tripp

|    |         |   |   |              |
|----|---------|---|---|--------------|
| 09 | 1200MST | 0 | 0 | Winter Storm |
| 10 | 1800MST |   |   |              |

A late season storm produced snow from the Black Hills through South Central South Dakota. The greatest amounts occurred in a 40 mile wide swath generally along and south of Interstate 90. Snowfall amounts include 9 inches at Rapid City, 12 inches at Deerfield, 10 inches at Custer, 11 inches at Mission, and 12 inches at Winner. Outside this swath, snowfall generally ranged from 3 to 6 inches.

Meade County  
3 E Plainview

|    |         |   |   |             |
|----|---------|---|---|-------------|
| 30 | 1940MST | 0 | 0 | Hail (0.75) |
|----|---------|---|---|-------------|

3/4 inch hail covered the ground.

### WYOMING, Northeast

WYZ054>058     Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

|    |         |   |   |          |
|----|---------|---|---|----------|
| 04 | 1600MST | 0 | 0 | Blizzard |
| 06 | 0600MST |   |   |          |

Snowfall of 1 to 2 feet combined with 40 to 60 mph winds producing zero visibility and drifts to 15 feet across much of northeast Wyoming. Most roads were closed and power outages were widespread. Ranchers were hard hit with livestock losses as calving season was underway.